

Title (en)
SYSTEMS AND METHODS FOR MITIGATING SELF-INTERFERNECE

Title (de)
VERFAHREN UND VORRICHTUNGEN ZUR SELBSTINTERFERENZREDUZIERUNG

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR RÉDUIRE LES INTERFÉRENCES PROPRES

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Abstract (en)
[origin: US2014133411A1] Systems and methods for mitigating self-interference at a wireless device in a cellular communications network are disclosed. In one embodiment, a network node obtains one or more self-interference parameters for self-interference at the wireless device within a downlink frequency band utilized by the wireless device. In one embodiment, the one or more self-interference parameters include a frequency location of the self-interference, a strength of the self-interference, or both the frequency location and the strength of the self-interference. The network node then controls uplink transmission by the wireless device, downlink reception by the wireless device, and/or downlink transmission to the wireless device in such a manner that the self-interference at the wireless device is mitigated.

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